



TFW

NG(ST)6564

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Ian Robinson
Serial No.: 10/700,310
Filed: 31 October 2003
For: *Multi-Carrier Transceiver Assembly*
Art Unit: unknown
Examiner: unknown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed foreign patent document and other publication is enclosed. No U.S. Patents nor any published U.S. Patent Applications are enclosed.

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a) _____ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

(b) _____ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) _____ Within 3 months of the filing date or date of entry into the National Stage.

(b) ☒ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090 for consideration of this Statement.

(c) _____ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) _____ The required certification is given below, or

(2) _____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) _____ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090.

(d) _____ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) _____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) _____ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 20-0090.

4. Certification (if applicable)


(a) ☒ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) _____ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-0090.

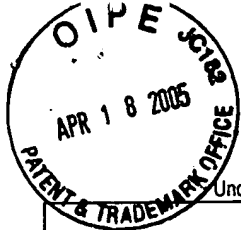
Respectfully Submitted,

TAROLLI, SUNDHEIM, COVELL, & TUMMINO L.L.P.

By: 
Christopher P. Harris
Reg. No. 43,660

CUSTOMER NUMBER: 26294

TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
526 Superior Avenue, Suite 1111
Cleveland, Ohio 44114-1400
(216) 621.2234



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/700,310
				Filing Date	31 October 2003
				First Named Inventor	Ian Robinson
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	NG(ST)6564

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name Of Patentee Or Applicant Of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
		US-5,914,933	06-22-1999	Cimini, et al.	*Abstract* *Figures 1A,2 *Claims 1-13* *Col. 2, line 63-67* *Col. 3, line 1-67* *Col. 4, lines 1-56*
		US-6,131,016	10-10-2000	Greenstein, et al.	*Abstract* *Figure 2A* *Col. 3, line 33-67* *Claim 1*
		US-6,331,837 B1	12-18-2001	Shattil	*Abstract* *Figures 11A, 11B, 11C, 12* *Col. 13, line 37-67* *Col. 14, line 26-42*
		US-2002/0176510 A1	11-28-2002	Laroia	*Abstract* *Figures 1, 3A, 3B* *Claim 1* *¶ 0002, 0006, 0007, 0012, 0039, 0040, 0042, 0043, 0055-0059*

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code-Number-Kind Code (If Known)				
		EP 0 831 627 A2	03-25-1998	AT & T Corp.	*Abstract* *Col. 3, line 34-49* *Col. 4, line 37-58*	
		EP 0 929 161 A2	07-14-1999	Lucent Technologies Inc.	*Abstract* *Figures 4-11* *¶ 0026-0049* *Claims 1-3, 6-8*	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		International Search Report for corresponding PCT/US2004/035983, completed 02-03-2005 by A. Mier of the European Patent Office	
		LEONARD J. CIMINI, JR., and NELSON R. SOLLENBERGER; "OFDM with Diversity and Coding for High-Bit-Rate Mobile Data Applications"; XP-000856378; AT&T Labs-Research; pp 247-254	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.